

<p>R802.4(2))</p>	<p>Pitch, Span, Spacing &amp; Dimension (Table R802.5.1(1) - R 802.5.1(8)) Roof Rafter; Framing &amp; Connections (Section R802.3 &amp; R802.3.1)</p>	<p>OK</p>	<p>3/4 Floor - 5/8 Roof - walls? 7/16" o.s.B</p>
<p>Fastener Schedule (Table R602.3(1) &amp; (2))</p>	<p>Private Garage (Section R309)</p>	<p>1/2" to ridge / <del>door?</del></p>	<p>? 5/8" fire rated on garage wall next to bedroom</p>
<p>Living Space? (Above or beside)</p>	<p>beside</p>	<p>door?</p>	<p>Steel Fire Rated - 40 minute</p>
<p>Fire separation (Section R309.2) - need</p>	<p>Opening Protection (Section R309.1)</p>	<p>OK - door -</p>	<p>Asphalt?</p>
<p>Emergency Escape and Rescue Openings (Section R310)</p>	<p>Roof Covering (Chapter 9)</p>	<p>Asphalt?</p>	<p>3 Tab Asphalt</p>
<p>Safety Glazing (Section R308)</p>	<p>Artic Access (Section R807)</p>	<p>Need w/in 2' of door</p>	<p>Tempered on flankers next to window</p>
<p>Chimney Clearances/Fire Blocking (Chap. 10)</p>	<p>Header Schedule (Section 502.5(1) &amp; (2))</p>	<p>Not shown</p>	<p>Through Bedroom Closet</p>
<p>Energy Efficiency (N1101.2.1) R-Factors of Walls, Floors, Ceilings, Building Envelope, U-</p>	<p>R-30 Floor/Cing</p>	<p>Not shown</p>	<p>3-2x8 w/ 1/2" ply between</p>

13

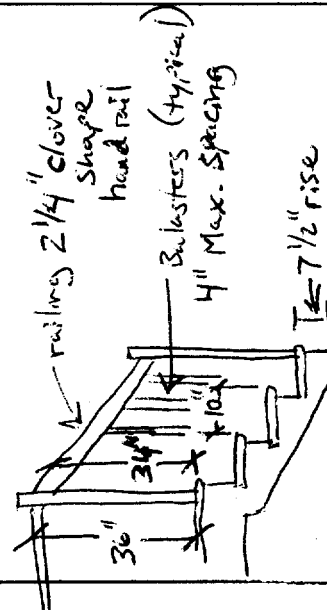
14

15

16

11x30  
22  
ACCS →

R-19 walls

<p><b>MEANS OF EGRESS</b></p>	<p>Type of Heating System</p>	<p>Means of Egress (Sec R311 &amp; R312)                  Basement                  N/A</p>	<p>* Exterior Stair Detail</p>  <p>* Interior Stair Details                  - Same as above specs                  - Guardrail is 36" 1/2 wall-drywall                  - Grabrail 1 5/8" round type</p>
<p>Number of Stairways</p>	<p>4</p>	<p>Interior 1                  Exterior 3</p>	<p>New bedroom interconnected to at least 1 new at existing 1st floor</p>
<p>Treads and Risers (Section R311.5.3)</p>	<p>No</p>	<p>details</p>	<p>NOT SHOWN</p>
<p>Width (Section R311.5.1)</p>	<p>No</p>	<p>details</p>	<p>NOT SHOWN</p>
<p>Headroom (Section R311.5.2)</p>	<p>No</p>	<p>details</p>	<p>NOT SHOWN</p>
<p>Guardrails and Handrails (Section R312 &amp; R311.5.6 - R311.5.6.3)</p>	<p>No</p>	<p>details</p>	<p>NOT SHOWN</p>
<p>Smoke Detectors (Section R313) Location and type/Interconnected</p>	<p>No</p>	<p>details</p>	<p>NOT SHOWN</p>
<p>Dwelling Unit Separation (Section R317) and IBC - 2003 (Section 1207)</p>	<p>No</p>	<p>details</p>	<p>NOT SHOWN</p>
<p>Deck Construction (Section R502.2.1)</p>	<p>No</p>	<p>details</p>	<p>NOT SHOWN</p>

Need details on all ledgers - addition deck & addition

(11)

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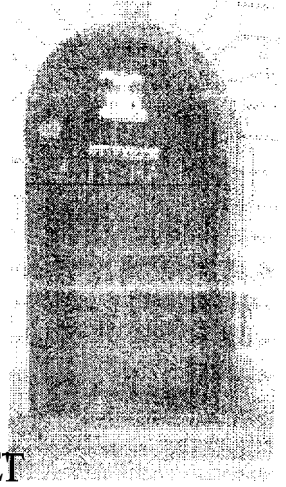


Prmt	Text93	30004	Constr Type	New	Num1	5	
Permit Nbr	05-1490	Location of Construction	11	PIERCE AVE	Appl. Date	1	
Status	Hold	Permit Type	Additions - Dwellings		Issue Date		
CBL	250 A018001	District Nbr	3	Estimated Cost	\$71,000.00	Date Closed	

Comment Date	Comment	Name	Follow Up Date	Completed
10/21/200	faxed review sheets to builder and called and went over	tmm		

CreatedBy	ldobson	CreateDate	10/14/2005	ModBy	tmm	ModDate	10/21/
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City of Portland  
**INSPECTION SERVICES**



Room 315  
389 Congress Street  
Portland, Maine 04101

Telephone: 207-874-8703 or 207-874-8693  
Facsimile: 207-874-8716

**FACSIMILE TRANSMISSION COVER SHEET**

TO: <u>Jeff</u>	FROM: <u>Tammy Munson</u>
FAX NUMBER: <u>799-3292</u>	NUMBER OF PAGES, WITH COVER: <u>4</u>
TELEPHONE: _____	RE: <u>11 Pierce</u>
DATE: <u>10/21/05</u>	_____

Comments: Please call w/ questions - 874-8706  
or  
fax reply - 874-8716 (fax #)

ONE AND TWO FAMILY	PLAN REVIEW	CHECKLIST
Soil type/Presumptive Load Value (Table R401.4.1)	Submitted Plan	Findings/Revisions/Dates
<b>STRUCTURAL</b> Footing Dimensions/Depth (Table R403.1 & R403.1(1), (Section R403.1 & R403.1.4.1))	OK - 4' Post	
Foundation Drainage, Fabric, Damp proofing (Section R405 & R406)	N/A	
Ventilation/Access (Section R408.1 & R408.3) Crawls Space ONLY	SIZES?	
Anchor Bolts/Straps, spacing (Section R403.1.6)	NOT SHOWN	
Lally Column Type (Section R407)	OK	
Girder & Header Spans (Table R 502.5(2)) Built-Up Wood Center Girder Dimension/Type	N/A	
Sill/Band Joist Type & Dimensions First Floor Joist Species Dimensions and Spacing (Table R502.3.1(1) & Table R502.3.1(2))	2x6 PT SILL 2x10's - 16" OC - Max span 15'-5"	15'-2" span - OK
Second Floor Joist Species Dimensions and Spacing (Table R502.3.1(1) & Table R502.3.1(2))	N/A	
Attic or additional Floor Joist Species Dimensions and Spacing (Table R802.4(1) and	N/A	

①

②

R802.4(2))			
Pitch, Span, Spacing & Dimension (Table R802.5.1(1) - R802.5.1(8))			
Roof Rafter; Framing & Connections (Section R802.3 & R802.3.1)	OK		
Sheathing; Floor, Wall and roof (Table R503.2.1.1(1))	3/4 Floor - 5/8 Roof - walls?		
Garage Schedule (Table R602.3(1) & (2))			
<b>Private Garage</b> (Section R309) Living Space? (Above or beside)	Beside		
Fire separation (Section R309.2) - Opening Protection (Section R309.1)	1/2" to ridge door?		?
Emergency Escape and Rescue Openings (Section R310)	OC - door -		
Roof Covering (Chapter 9)	Asphalt?		
Safety Glazing (Section R308)	Merid w/in 2' of doors		
Attic Access (Section R807)	Not shown		
Chimney Clearances/Fire Blocking (Chap. 10)	N/A		
Header Schedule (Section 502.5(1) & (2))	Not shown		
Energy Efficiency (N1101.2.1) R-Factors of Walls, Floors, Ceilings, Building Envelope, U-	R-30 Floor/Cing		
	R-19 walls		

3

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9

Factor Penetration		
Type of Heating System		
<b>MEANS OF EGRESS</b> (Sec R311 & R312)		
Basement	N/A	
Number of Stairways	4	
Interior	1	
Exterior	3	
Treads and Risers (Section R311.5.3)	NO details	
Width (Section R311.5.1)		
Headroom (Section R311.5.2)		
Guardrails and Handrails (Section R312 & R311.5.6 - R311.5.6.3)		
Smoke Detectors (Section R313) Location and type/Interconnected	NOT shown	
Dwelling Unit Separation (Section R217) and IBC - 2003 (Section 1207)		
Deck Construction (Section R502.2.1)	Need details on all joists + addition deck	

(2)

(11)

(10)

This page contains a detailed description of the Parcel ID you selected. Press the **New Search** button at the bottom of the screen to submit a new query.

**Current Owner Information**

Card Number	2 of 1
Parcel ID	250 A018001
Location	11 PIERCE AVE
Land Use	SINGLE FAMILY
Owner Address	BARTLETT CAROL A & RICHARD K JTS 11 PIERCE AVE PORTLAND ME 04102

Book/Page	
Legal	250-A-18 PIERCE AVE 11  28000 SF

**Current Assessed Valuation For Fiscal Year 2006**

Land	Building	Total
\$57,480	\$85,330	\$142,810

**Estimated Assessed Valuation For Fiscal Year 2007\***

Land	Building	Total
\$75,900	\$100,200	\$176,100

\* Value subject to change based upon review of property status as of 4/1/06. The tax rate will be determined by City Council in May 2006.

**Property Information**

Year Built	Style	Story Height	sq. Ft.	Total Acres	
1957	Cape	1	1225	0.643	
Bedrooms	Full Baths	Half Baths	Total Rooms	Attic	Basement
2	1		6	Full Fin./wh	Full

**Outbuildings**

Type	Quantity	Year Built	Size	Grade	Condition
SHED-FRAME	1	1989	8X16	C	A
SHED-FRAME	1	1960	6X20	C	P

**Sales Information**

Date	Type	Price	Book/Page
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**Picture and Sketch**

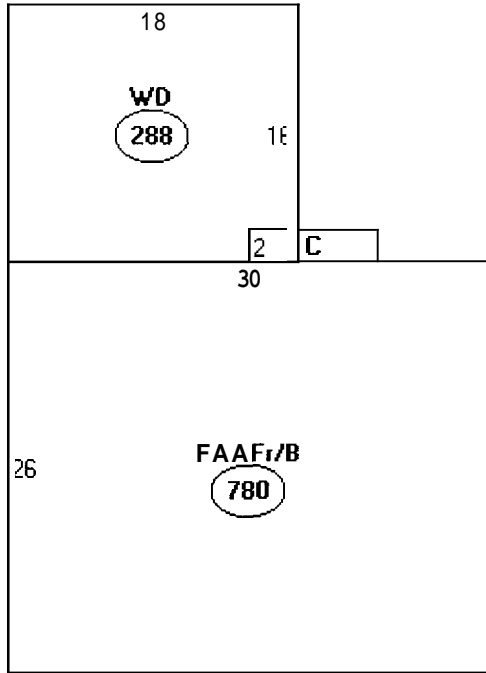
Picture	Sketch	Tax Map
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[Click here to view Tax Roll Information.](#)

Any information concerning tax payments should be directed to the Treasury office at 874-8490 or e-





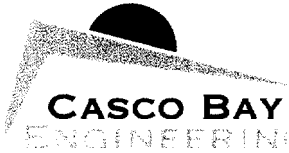


Descriptor/Area

A:FA/1Fr/B  
780 sqft

B:WD  
288 sqft

C:FBAY  
16 sqft



CIVIL & STRUCTURAL ENGINEERING

424 Fore St., Portland, ME 04101 Phone 207.842.2800 Fax 207.842.2828

October 11, 2005

Mr. Jeff Bartlett  
Ultra House, Inc.  
PO Box 2148  
South Portland, ME 04116-2148

Re: CONTRACT FOR ENGINEERING SERVICES  
Bartlett Residence Renovation  
Structural Analysis

Project Number: 5070

Dear Jeff:

Thank you for the opportunity to provide you with structural engineering services for the Bartlett residence at 11 Pierce Avenue in Portland, ME. Based on our conversation, I understand that this is an addition between the existing house and existing garage.

Casco Bay Engineering's scope of services was limited to design for the roof of the proposed connector addition including design of roof rafters and roof beams. We have provided hand drawn markups of beam and rafter sizes on the roof framing plan provided to us. Please refer to this drawing for the appropriate beam and rafter sizes. We have not analyzed lateral loads or any other portion of the building including the existing house or garage structure. No other services were provided by Casco Bay Engineering.

To the maximum extent permitted by the law, the Client agrees to limit the liability of Casco Bay Engineering for any and all claims, losses, costs, damages of any nature whatsoever or claims expenses from any cause or causes to the total fee for services paid to Casco Bay Engineering. Such claims and causes shall include, but are not limited to negligence, professional errors or omissions, strict liability, breach of contract warranty.

Thank you.

Sincerely,

Eric Dube, President  
Casco Bay Engineering



CIVIL & STRUCTURAL ENGINEERING

424 Fore St., Portland, ME 04101 Phone 207.842.2800 Fax 207.842.2828

October 11, 2005

Mr. Michael Nugent  
Inspection Services Manager  
City of Portland  
389 Congress Street  
Portland, ME 04101

Re: Bartlett Residence, 11 Pierce Ave., PORTLAND

Project Number: 5070

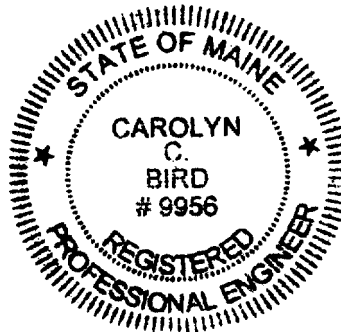
Dear Mr. Nugent:

This letter is to confirm that we have designed the roof framing (including roof rafters and beams) for the garage to house connector addition in accordance with the 2003 International Building Code, Structural loads chapter, for the appropriate residential loading.

Please contact us if you have any additional questions or concerns.

Sincerely,

Eric Dube  
President  
Casco Bay Engineering



Carolyn C. Bird, P.E.  
Vice President  
Casco Bay Engineering